

SITE NUMBER: CW-R7-03
LOCAL NAME: Morris channel
WRIA:

NORTH COAST OFF CHANNEL SITE INVENTORY DATA

RIVER SYSTEM: Clearwater **DATE:** 6/9/88 **OBSERVER:** Young

CHANNEL TYPE: Terrace tributary (wall based)

TRIBUTARY TO: Clearwater River (21.0024)

SITE LOCATION: River mile - 18.0 R.B.

LEGAL DESCRIPTION:

	UPPER END	LOWER END
<u>WATER TEMP.:</u>	50 F	50 F
<u>AIR TEMP.:</u>	61 F	61 F
<u>FLOW (CFS):</u>	< 0.1	< 0.1

SUBSTRATE TYPE: Silt and sand.

SITE SIZE: **Length-** 400 m potentially useable. 200 m on upper terrace.
 Width- W.S. = 1 -3 ft (pools to 15 ft). Channel = 5 -15 ft.
 Depth- 1 - 3 inches (pools to 3 ft).

WATER SOURCE: Terrace trib from upper terrace. Springs.

DIRECTIONS TO SITE: Head north on Highway 101. Turn right 0.9 miles beyond mile post 146 onto the Clearwater Rd. Proceed north 4.5 miles until coming to mile post 25.5 (the first in a series of descending half mile markers). Continue north. Keep left as the road forks between MP 21.5 and 21.0 (just beyond Shale Creek). Turn right between M.P. 17.0 and 16.5 onto the Coppermine Bottom Campground road. (See site direction map).

FISH ACCESS AND CURRENT USE: No access at present flows. May be accessible to coho pre-smolts during winter flows but rearing area is limited. Three small unidentified fry (possibly trout) were seen in a 25 x 5 m pool 200 to 250 m above the mouth.

FLOODING POTENTIAL: Moderate to low.

LANDOWNER: Unknown at this time. Map indicates some Olympic National Forest land. Also possibly DNR and/or ITT Rayonier.

COMMENTS & RECOMMENDATIONS: CW-R7-03 is situated in an area of old growth and/or mature second growth conifer and alder forest. The useable portion of the channel runs some 400 m along the base of a 30 to 50 ft terrace wall.

The channel enters the Clearwater at a deep pool and back eddy. The lower 50 to 100 m is incised and at current flows (just a trickle) portions of this reach are dry. A few small pools were seen in the next 150 to 200 m. The largest of these pools was 25 m long, 5 m wide and up to 1 m deep.

An old drivable grade crosses CW-R7-03 some 250 m up from the mouth. With no visible culvert, water appears to perk through the base of the grade.

Just above the grade crossing is a 125 m long by 5 m wide pool. Water depth here is 6 to 12 inches. The upper 80 m of this pool is heavily vegetated with saw grass. The main flow of water into CW-R7-03 comes off the terrace wall and enters this pool along its right bank. This water coming off the upper terrace

originates very near the upper end of the Crooks Cr. marsh (see CW-R7-02). These "headwaters" are, in fact, only separated from the marsh by a slight rise in the ground. During the rainy season water from the Crooks Cr. marsh may use CW-R7-03 as an egress.

Upstream of the long pool, CW-R7-03 continues for another 50 m before the channel becomes undefined. This upper reach was mostly dry at the time of this survey.

Deepening and widening of this channel along its entire length could be beneficial. Beaded channel construction may also be feasible. There is good machine access. Installation of a culvert at the grade crossing could insure access to the upper 150 to 200 m of the channel.

DATE: 11/17/88

OBSERVER: King, Young, Nettnin

It appears there is no possibility of increasing the flows in this channel from the headwaters area. Flow is low and probably dries up during winter dry periods. Fry were seen in pools and there is good attraction at the mouth. This would benefit from a beaded channel project. Also needs a culvert at the access road.

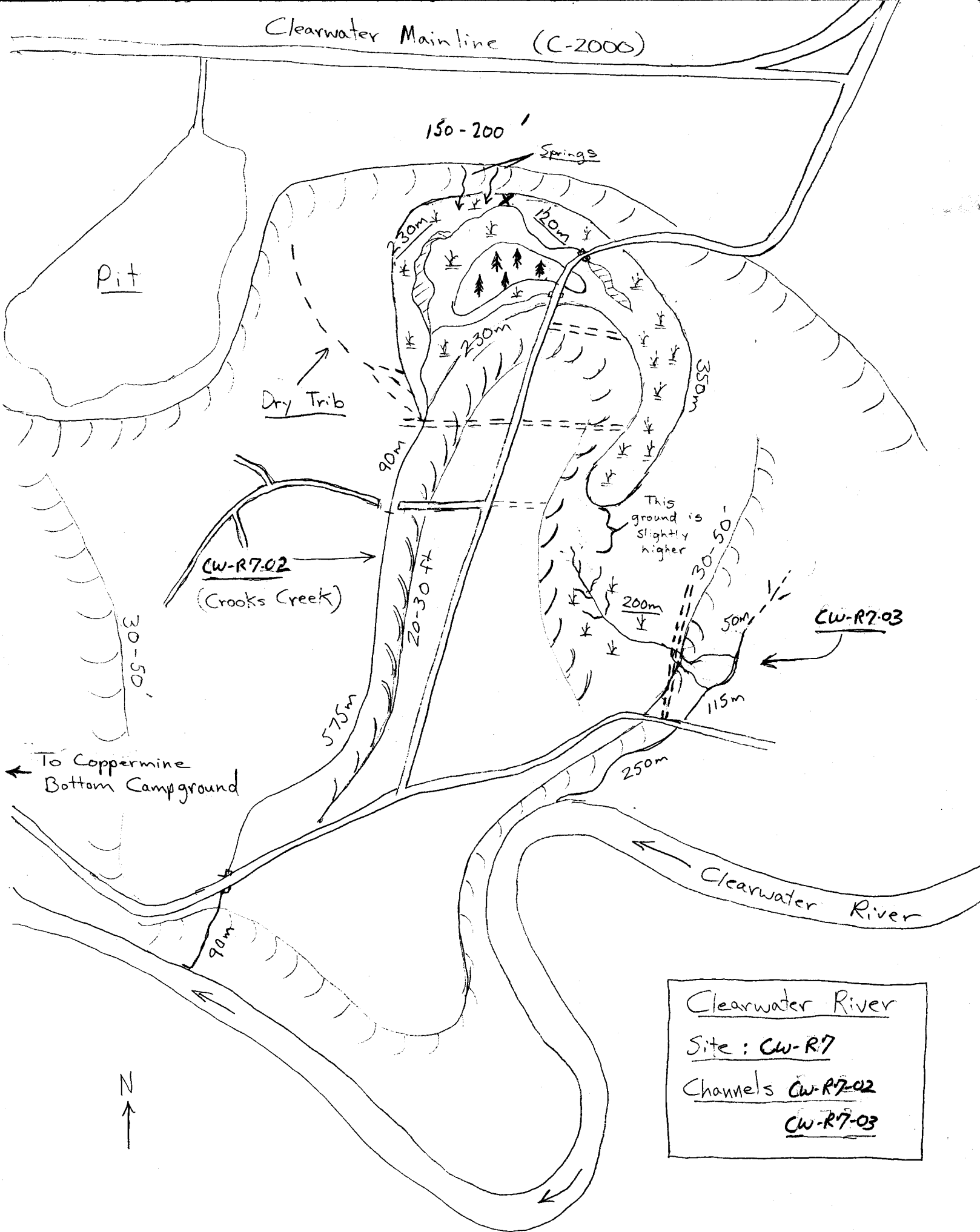
DATE: 12/6/88

OBSERVER: Nettnin, Young

Electroshocked sites both above and below the grade crossing (see map). Results are listed below:

Site	Area	Effort (Sec.)	Results
1.)	20 to 30 m downstream of grade crossing.	47	Caught 4 coho.
2.)	Large pool 30 to 50 meters downstream of grade crossing.	113	Caught 4 coho and rolled 3 other salmonids.
3.)	Long pool just up- stream of grade crossing.	64	No fish were caught. Excellent habitat.

Clearwater Mainline (C-2000)



Clearwater River

Site: CW-R7

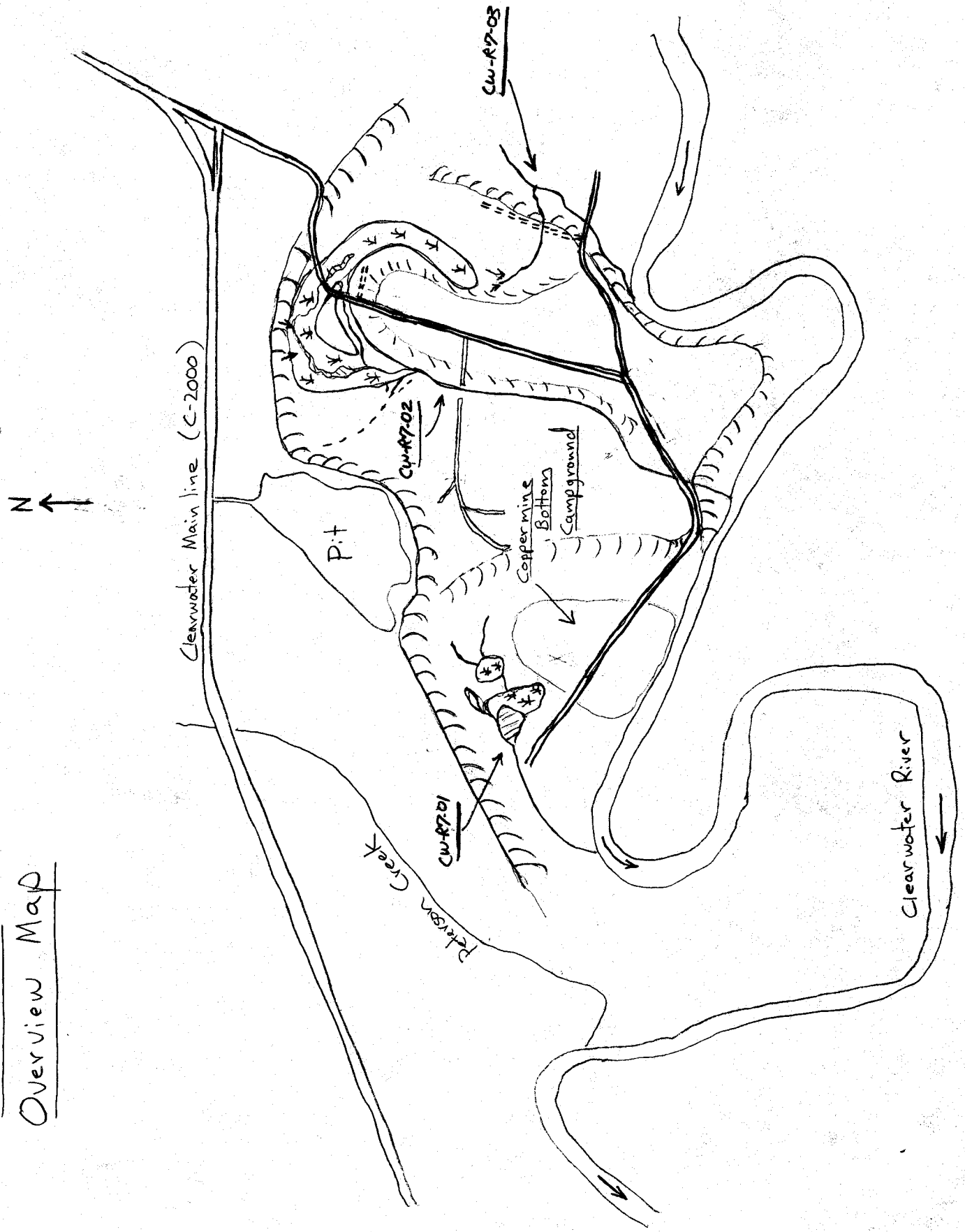
Channels CW-R7-02

CW-R7-03

Clearwater River

Site: CW-R7

Overview Map



Clearwater River

Site: *CW-R7*

5281

40'

T. 25 N.

5278

11 MI. TO U.S. 101

(D)

